

Amendments to the Claims

1-23. (Canceled)

24. (Currently Amended) A wireless communication device, comprising:

a receiver configured to receive a plurality of messages of a first format and a plurality of messages of a second format;

a memory configured to receive at least one message-classification rule input into the memory by a user of the wireless communication device, the message-classification rule being at least for prioritizing the messages;

a processor connected to the receiver and to the memory, the processor being configured to determine, based on the at least one input message-classification rule, classification information for the plurality of messages of the first format and the plurality of messages of the second format, the classification information including at least a prioritization of the messages; and

a display connected to the processor and configured to present the classification information associated with the messages of the first format and of the second format.

25.-26. (Canceled)

27. (Previously Presented) The wireless communication device of claim 24, wherein the processor is configured to produce updated classification information, and the display is configured to present the updated classification information.

28. (Previously Presented) The wireless communication device of claim 24, wherein the receiver is configured to receive classification information associated with messages from the plurality of messages of the first format and the plurality of messages of the second format, and the display is configured to display a number of messages of the first format or a number of messages of the second format.

29. (Previously Presented) The wireless communication device of claim 24, wherein the classification information includes information about an origin of at least one received message.

30. (Previously Presented) The wireless communication device of claim 24, wherein the receiver is configured to receive a plurality of messages of a third format.

31. (Previously Presented) The wireless communication device of claim 24, where the first format is a voice mail format.

32. (Previously Presented) The wireless communication device of claim 24, wherein the first format is a fax format.

33. (Previously Presented) The wireless communication device of claim 24, wherein the first format is an e-mail format.

34. (Previously Presented) The wireless communication device of claim 24, wherein the first format is a paging format.

35. (Previously Presented) The wireless communication device of claim 24, wherein the first format is a short message service format.

36. (Previously Presented) The wireless communication device of claim 24, wherein the first format is based on a Wireless Markup Language.

37. (Currently Amended) A network device for a wireless infrastructure, comprising:
a receiver configured to receive messages of at least two types for a wireless network user who is using the network device;

a memory configured to receive at least one message-classification rule set predetermined by the user of the network device and input into the memory by the user, the message-classification rule being at least for prioritizing the messages; and

a processor connected to the receiver and to the memory, the receiver being configured to evaluate the received messages based on the at least one rule set input into the memory and to produce associated message classifications based on the evaluations.

38. (Previously Presented) The network device of claim 37, further comprising a transmitter configured to transmit the message classifications.

39. (Previously Presented) The network device of claim 38, wherein the transmitter is configured to transmit the received messages and the message classifications to the wireless network user.

40. (Canceled)

41. (Previously Presented) The network device of claim 37, wherein the processor is configured to produce an updated message count associated with numbers of messages associated with the message classifications.

42. (Canceled)

43. (Previously Presented) The network device of claim 37, wherein the memory is configured to receive the at least one predetermined rule set from the user via a wireless communication device.

44. (Previously Presented) A wireless network device, comprising:
an input configured to receive, from a user of the wireless network device, message-classification rules associated with at least two message formats transmitted by a wireless network infrastructure in communication with the wireless network device, the message-classification rules being at least for prioritizing messages of the at least two message formats;
a memory configured to store the rules received by the input; and
an output configured to provide the received rules to the wireless network infrastructure.

45. (Previously Presented) The wireless communication device of claim 24, wherein the memory is further configured to receive the at least one message rule by the user calling into an interactive voice-response system.

46. (Previously Presented) The wireless communication device of claim 24, wherein the memory is further configured to receive the at least one message rule by the user performing touch-tone key presses.

47. (Previously Presented) The wireless communication device of claim 24, wherein the memory is further configured to receive the at least one message rule by the user using a computer interface via the Internet or World Wide Web.

48. (Previously Presented) The wireless communication device of claim 24, wherein the at least one message rule facilitates searching of messages, incoming into the wireless communication device, for key words or phrases.

49. (Previously Presented) The wireless communication device of claim 24, wherein the at least one message rule facilitates classification of messages, incoming into the wireless communication device, based on one or more of type of message, size of message, time of day at which message is received, week day on which message is received, and source of message.

50. (Previously Presented) The wireless communication device of claim 24, wherein the at least one message rule facilitates grouping of messages, incoming into the wireless communication device, based on a nested category.

51. (Previously Presented) A wireless device in wireless communication with a wireless infrastructure, the wireless device comprising:

a receiver configured to receive messages of at least one format from the wireless infrastructure and to provide the messages to a user of the wireless device;

an input device configured to be used by the user of the wireless device for inputting, into a database memory, at least one message-classification rule for at least prioritizing the messages;

a processor connected to the receiver and to the input device, the processor being configured, with respect to a message received by the receiver, (a) to recall the at least one message-classification rule from the database memory and to determine, based on the at least one message-classification rule, classification information pertaining to the message, and (b) to organize the message according to the classification information; and

a display connected to the processor and configured to present the classification information to the user of the wireless device.

52. (Previously Presented) The wireless device of claim 51, wherein the database memory is associated with the wireless infrastructure at a location separate from the wireless device.

53. (Previously Presented) The wireless device of claim 51, wherein the wireless device comprises the database memory connected to the processor.

54. (Previously Presented) The wireless device of claim 51, further comprising a message memory connected to the processor, wherein the processor stores, in the message memory, incoming messages organized according to the respective classification information determined by the processor for the messages.

55. (Previously Presented) The wireless device of claim 51, wherein the processor is further configured to:

update the display to reflect receipt of the message,
determine, based on the classification information determined for the received message and according to the at least one message-classification rule, whether the received message is of sufficient priority, and
if the message is of sufficient priority, alert the user.